

ABSTRACT

An improved irrigation spray head for use with pressurized water to produce a generally 360° spray pattern is provided. The spray head has a first channel that provides a water flow path in a generally vertical direction from the distal end of the spray head body to a main exit port. The spray head body includes a cavity having a geometry that, along with the first channel and the main exit port designs, causes the pressurized water to disperse radially outward away from the spray head body in the generally 360° spray pattern. A plurality of secondary channels provides secondary water flow paths from a plurality of interior ports in the cavity to a plurality of sidewall exit ports. The secondary channels result in a water flow out of the sidewall ports at a reduced water velocity thereby providing enhanced, close-in irrigation coverage.